



Volume 27

An ARCEC Monthly Publication

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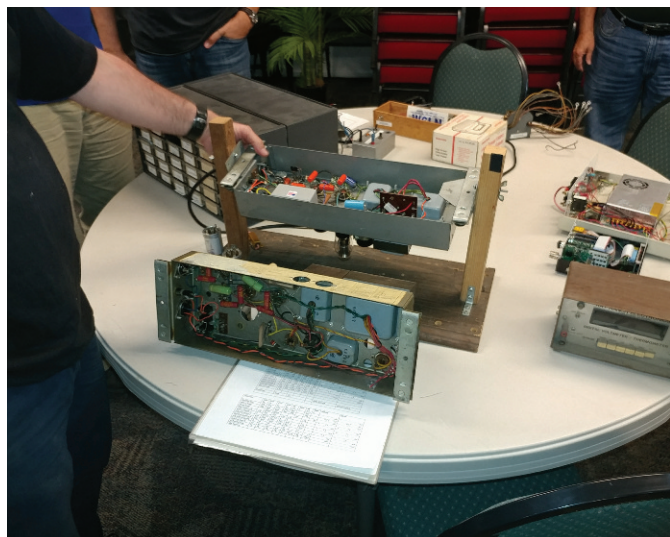
*Counterpoise Editor - Sue Robins AF6LJ*

## Home Brew Goodness

*By Sue Robins AF6LJ*

There was a good showing at this November's Home Brew Contest. Rich, NJ6F shows off his potable DMR setup Using repurposed electric bike (E-Bike) batteries, and a DC-DC converter module from China. The power pack will provide tens of hours of reliable power for the DMR mobile radio. With the vast inter connectivity of the Internet leveraged the DMR radio can talk to anyone else with a DMR radio on the planet.

George, KJ6WWM brought in a Hammond organ amplifier that had been reconditioned, along with a few tools of the trade. George's forte is rebuilding these amplifiers and is well known for his work. Below you can see one of the amplifiers attached to a fixture used to make for ease of repair Time is money, and fixtures like the one below will pay for itself after the first use.



### ARCEC Repeater Frequencies

2 Meter Repeater	220 MHZ Repeater	440 MHZ Repeater
TX 146.475	TX 222.480	TX 440.900
RX 147.420	RX 224.080	RX 445.900
Offset .945	Offset 1.6	Offset 5.00
PL 107.2	PL 107.2	PL 107.2





Pat, WA6MHZ brought a couple of his projects. The first was a power supply he build years ago and required some repair after many years of reliable service. The second project was an I-gate for APRS that was completed since the last Home Brew contest.

Paul N7PRT sent in some Home Brew contest goodness over here on the right. It was good to see everyone's projects. I am looking forward to next years Home Brew contest.

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## Annual Christmas Party

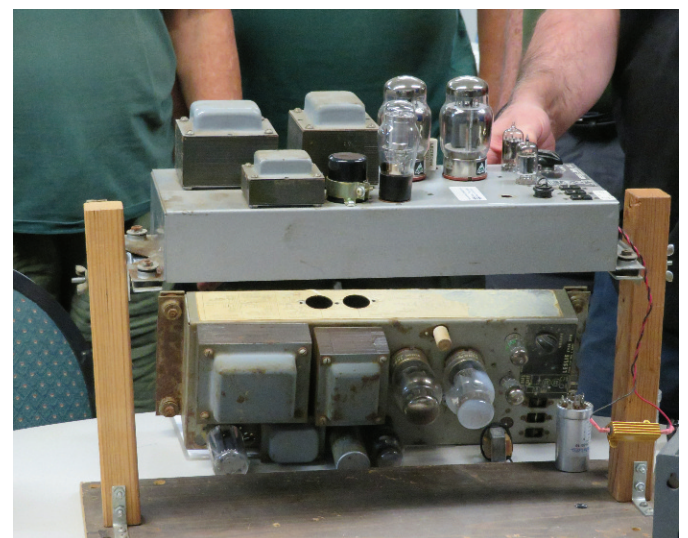
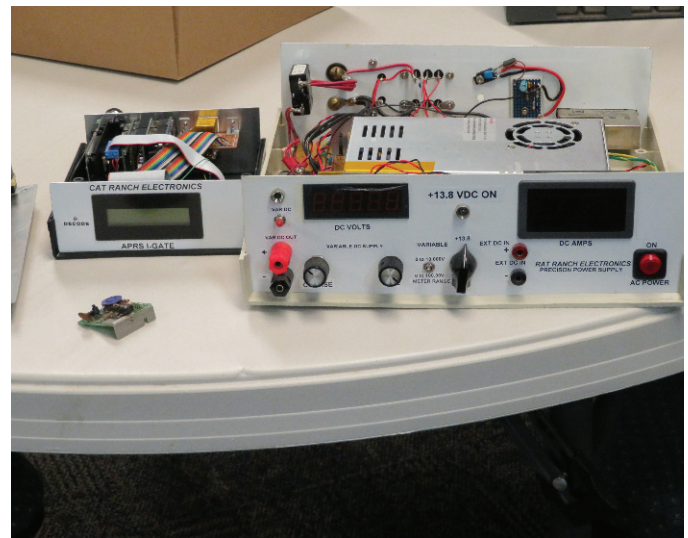
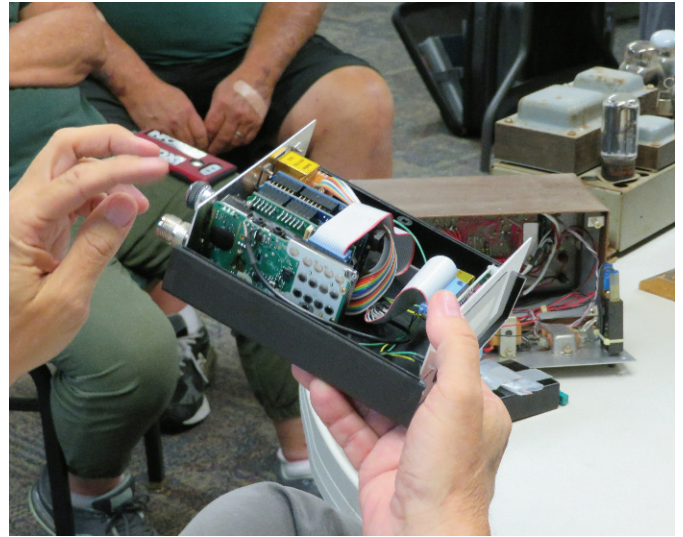
December's meeting will be our Annual Christmas Party, and elections. This year the board is running un-apposed, there will be voting on Ham of the Year. We will be having our pot luck dinner, and drawings as usual. We hope to see you all there, bring your favorite holiday dish, and be prepared for a good time.

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## Fry's Operating Day

Fry's Operating day was held on the 17<sup>th</sup> of November and was a success in spite of the light turnout. Paul N7PRT sent in this picture of our booth at the event. See the next page for more Operating Day Goodness.

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## Fry's Operating Day







## Donut Net

**Monday nights after dinner the Donut Net can be found on the ARCEC VHF repeater. Axel KI6RRN hosts a fun filled net with trivia questions and other activities. The net is a great place to spend that after dinner and before prime TV time. Come and join Axel for fun and fellowship with your fellow hams every Monday at 7:00 PM.**

## Support Our Local Businesses



## Club Shirts & Jackets

We have green, pocketed 2013 Field Day club shirts available in sizes S (2), M (1), and L (8) for \$10 each. Our standard Club Shirts have no pocket and are in sizes M (10), L (4), 2XL (7), 3XL (4), 4XL (5) for \$10 each. Sizes are limited to stock on hand.

Lined Windbreaker Jackets are also available in sizes L (1) and XL (7) for \$24 each. These have side pockets with snap closure.

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## Membership Badges & Pins

All members of the Amateur Radio Club of El Cajon who might wish to obtain a membership badge can contact Dell Awards and place an order with them. They are our current preferred source for these badges, and have our logo and design on file and ready to create a custom badge for members. Current price is \$7.50 per badge and they have indicated that there is normally a 3 business day turnaround time. These are quality badges made by a long established company, so place yours on order soon. They can be reached at the below address and phone number, and be sure to mention you saw this blurb in the Counterpoise newsletter too.

**Dell Awards**

**7949 Broadway**

**Lemon Grove, CA 91945**

**(619) 469-2100**

**Hours: Mon-Fri 9:30am-5:30pm**

**Sat 10am-1pm**

**Sun - Closed**

## Club Pins Now Available:

They have arrived! A limited number of club pins are now here and can be obtained from our Treasurer at most club functions. These are 1" diameter pins with a rubber clutch pin on rear. You can now show the world your support of the Amateur Radio Club of El Cajon, and for the small cost of \$3.00 each too. Get them while they are available.







The **AMATEUR RADIO CLUB OF EL CAJON** Inc.  
**WA6BGS**

Post Office Box Fifty, El Cajon California 92022

Founded 1960 ~ Incorporated 1976

Please fill out this form and then see options at bottom for submitting to the club

Date of application: \_\_\_ / \_\_\_ / \_\_\_

Amount Paid: \$ \_\_\_\_\_ Cash    Check    Check # \_\_\_\_\_

Membership Type:    Individual (\$20/year)    Family\* (\$35/year)

Membership Status:    New    Renewal    Returning Member

Call Sign    First Name \_\_\_\_\_ Last Name \_\_\_\_\_

If a previous member, what was your WAMO number?

ARRL Member:    Yes    No

License Class:    Technician    General    Extra    Other

Email Address (required) \_\_\_\_\_

Phone Number (optional) \_\_\_\_\_

*\*Use another sheet of paper to add Family members and please include the following information:*

First Name, Last Name, Call Sign (if any), License Class, Wamo Number (if any), & Email Address.

**Submitting this form:**

To submit this form, you can mail it to:

**Amateur Radio Club of El Cajon  
P.O. Box 50  
El Cajon, CA 92022**

-OR-

Bring it to the next club meeting on the second Thursday of each month. You can find the date and location by getting online at [www.wa6bgs.us](http://www.wa6bgs.us) which is the club website. Check it out for the most current information regarding the club.

**Cash Payments - Get a receipt from the Club Treasurer. Please make all checks payable to AMATEUR RADIO CLUB of EL CAJON, Incorporated. Receipts for payments by check will be sent by email or regular mail by the Club Treasurer.**

**Members with an FCC Call Sign are full members with voting privileges. Members without an FCC Call Sign are Associate members without voting privileges.**

**YOUR DUES ARE TAX DEDUCTIBLE: Amateur Radio Club of El Cajon, Inc. Is a 501 C 7 Corporation. Donations are NOT tax deductible.**

**Email address and phone number are to allow club officers to contact members regarding club business and information of interest.**